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V. — *Mute and Liquid in Greek Melic Poetry* (II).

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SINCE the appearance of my article on Mute and Liquid in Greek Melic Poetry, in the last number of the *TRANSACTIONS* (Vol. XXVIII, pp. 111-143), the material in question has been greatly increased by the newly discovered poems of Bacchylides. I had already made my collection of the instances in point when I received the edition of Friedrich Blass, who in most cases has introduced diacritical marks to show the quantitative value of the various combinations of mutes with liquids.

The Oxyrhyncus papyri have given us a fragment of Sappho and a bit of Alkman,¹ each of which contributes an instance or two, which are added after the statement of the facts as regards Bacchylides. The old as well as the new fragments of Bacchylides are cited by the numbering of Kenyon's edition, but the text adopted is occasionally different from that of the English editor.

ΠΡ.

WEAK.

(πρ initial.)

STRONG.

πρός 5₁₄₉, 11₂₃.πρόσθε 17₄₅.πρεσβύ[τατο]ν 7₈.προσέφα 5₈₃.πράξαντι 3₉₄.πρέπει 19₁₂.πρότερος 5₄₃, 13₁₂₁.πρύμνα 13₇₂.

(πρ medial in compounds.)

ἄπρακτ' frag. 49.

αἰολοπρύμνοις frag. 1₄.κυανόπρωρα 17₁.λεπτόπρυμνον 17₁₁₉.ἄπράκταν 10₈.

¹ If the lines are not by Alkman they are at least a happy imitation of his manner.

WEAK.

STRONG.

(*πρ* medial in augment and reduplication.)

πεπρωμέναν 3₂₅, 17₂₆.

μετέπρεπεν 5₆₈.

ἐν[έ]πρεπεν 9₂₇.

(*πρ* medial not in compounds.)

κάπρον 5₁₀₅.

Κύπρις 5₁₇₃, 17₁₀, frag. 56₃.

Indecisive : *πρόσθε* 3₄₇.

ΚΡ.

(*κρ* initial.)

κράινων 13₁₂.

κρύπτειν 3₁₄.

Κρονίδα 5₁₇₈.

κρόταφον 17₃₀.

κ[ρᾶτα] or *κ[ρατί]* 8₁₂.

(*κρ* medial in compounds.)

διακρίτους 10₄₆.

διακρινεῖ 9₂₈.

Θεόκριτος frag. 54.

φοινικοκράδεμος 11₉₈, 13₁₈₉.

πολιοκρόταφον frag. 42₂.

πολύκρημον frag. 1₁₂.

πολυκρατές 9₁₅.

πολύκριθον 11₇₀.

νεόκροτον 5₄₈.

χαλκεόκρανον 5₇₄.

(*κρ* medial in reduplication.)

διακεκριμέναι frag. 68.

(*κρ* medial not in compounds.)

δάκρυ 17₉₅.

δακρυόεις 5₉₄.

πολ[ύδ]ακρυν 16₂₄.

Ἄκρισις 11₆₆.

ἰκρίων 17₈₃.

μακράν 10₅₁.

Indecisive : *δάκρυσα* 5₁₅₂, *πολυδάκρυον* 3₃₀, *νεοκριτο* frag. 12₅.

TP.

WEAK.

STRONG.

(τρ initial.)

Τροζανία 17₅₈.

(τρ medial in compounds.)

φουνικότριχας 11₁₀₅.λεπτότριχα 5₂₈.ξανθότριχα 5₃₇.ἵπποτρόφον 11₁₁₄.τανυτρίχων frag. 46₄.ἀμπελοτρόφον 6₅.πορτιτρόφ[ον] 11₃₀.μηλοτρόφον 11₉₅.Ἀμφιτρωνιάδας 5₈₅ 16₁₈.Ἀμφιτρώωνος 5₁₅₆.Ἀμφιτρίταν 17₁₁₁.παρατρέψαι 5₉₅.ἄτρεμ' 5₇.ἄτρομητος 13₉₀.ἄτρυντος 5₂₇ 9₃₀ (conj.).

(τρ medial in augment.)

ἀπέτραπεν 11₂₇.

(τρ medial not in compounds.)

πατρός 5₁₂₀ (conj.), 17₆₂.πατρός 17₉₉, 109.[π]ατρίων 1₇.[π]ατρ[ῶα]ν 13₄₁.ἀριστοπάτρα 11₁₀₆.μίτραισιν 13₁₆₃.τετρ[α] 10₂₅.Ἀτρείδας 11₁₂₃, 15₆.ἄμετροδίκους 11₆₈.θυγατρῶν, etc. 3₃₅, 5₁₆₇, 9₅₀.11₃₄, 99, frag. 34.Πετρ[αί]ου 14₂₀.ἄλλότριον 15₆₀.φαρέτρας 5₇₆.

Indecisive: ἄμετρον (conj.) 17₆₇, τρέφει 13₂₉, πατρίδος frag. 12₅.

BP.

(βρ initial.)

βροτός 5₁₀₉.βροτός 18₁₂, frag. 48₁.

(βρ medial in compounds.)

ἀναξιβρόντας 17₆₈.βαρύβρομον 17₇₆.ἐριβρύχας 5₁₁₆.

WEAK.

STRONG.

(βρ medial not in compounds.)

ἄβρόν frag. 52.
 ἄβ[ρο]βάταν 348.
 ἄβροβίων 182.
 νεβρός 1354.
 *Εβρω 165.
 ὕβρις 1311, 1559, 1741.
 ὀβριμοδερκεί 1620.
 ὀβριμοσπόρον 1932.

Indecisive: βροτῶν 1329 (where read παύροις βροτῶν for παύροις βροτῶν of the papyrus), βροταφελέα 13158.

ΓΡ.

(γρ medial not in compounds.)

ὑγροῖσι 17108.

ἄγρότερος 5123, 1137.
 Μελέαγρος 577, 93, 171.
 λυγραῖς 1168.

ΔΡ.

(δρ initial.)

δράκων 913.
 δρῶν 383.

(δρ medial in compounds.)

ἀελλοδρόμαν 539.

*Ο[λυμ]πιοδρόμους 34.
 *Αδραστον 919.

(δρ medial in augment.)

διέδραμιν 1544.

(δρ medial not in compounds.)

ἔδρας frag. 52.

ιδρώεντ' 1324.
 εὐδρον 11119.
 παρῑδρον 1151.

ΦΡ.

(φρ initial.)

φρένας 1145.

φρένεσσιν 1411.

(φρ medial in compounds.)

δαίφρων 5122, 137.
 ἡπιόφρον 1345.

WEAK.

STRONG.

ἐπίφρον' 16₂₅.
 σαόφρων 13₁₅₃.
 μελίφρων frag. 13₃₅, 46₁₀.

(φρ medial not in compounds.)

ᾠφρα 18₄₂.
 ὀφρύων 17₁₇.
 Ἄφροδίτα 17₁₁₆.
 ἀφροσύναις 15₃₇.
 ἐλαφρός 1₇, frag. 49₁.

XP.

(χρ initial.)

χρυσός 3₁₇, 65, 87, frag. 57₁.
 χρύσεος 17₃₆, 60, 19₁₆.
 χρυσοκόμας 4₂.
 χρυσόπαχυς 5₄₀.
 χρυσαίγιδος frag. 52₁.

χρύσεος 5₁₇₄, 10₄₀.

χρόνος 11₁₂₅, frag. 42₁.

χρυσ[άορος] 3₂₈.
 χρυ[σ . . .] 10₆.
 χρόνος 8₇, [frag. 41].

(χρ medial in compounds.)

ἄχρεϊον 10₅₀.
 ἐπιχρίμπτει frag. 62₃.
 πολυχρύσφ 11₄ (= frag. 9₂ B).

(χρ medial in augment.)

κατέχρανεν 5₄₄.

Indecisive: (ἄ)χρει 1₆, χρή 3₇₈, χρυσόπεπλος 19₂₂, χρυσεό-
 πλοκος 17₁₀₆, [χρυ]σοθρόν[οιο] 4₇.

ΘP.

(θρ medial in compounds.)

ἀγλαόθρονοι 17₁₂₄.

(θρ medial not in compounds.)

ἄθρησον 5₈.

ἐπαθρήσαι 13₁₉₄.
 ῥεέθροισ 3₂₀, 5₆₄.
 μελάθρων 11₄₄.
 ὀλεθρον 5₁₃₉.

Indecisive: [χρυ]σοθρόν[οιο] 4₇.

ΠΛ.

WEAK.

STRONG.

(πλ initial.)

πλοῦτον 3₁₃.
πλείονα 3₆₅.
πλημύρων 5₁₀₇.
πλα[ξίππω?] 9₂₀.

πλόκον 17₁₁₄.

(πλ medial in compounds.)

παπαλλῆγι 11₄₅.

ἰόπλοκος 9₇₂, 17₃₇.
χρυσέοπλοκοι 17₁₀₆.
κυανοπλόκαμος 5₃₃, 9₅₃, 11₈₃.
βαθύπλουτον 3₈₂.
πολύπλαγκτος 11₃₃, 13₁₄₈.
ἄπλατος 5₆₉, 13₁₈.
ἀποπλέων frag. 1₁₃.

(πλ medial in augment.)

ἔπλε[το] 1₃.

(πλ medial not in compounds.)

εὔπεπλος 11₄₂, 15₄₉.
χρυσόπεπλος 19₂₂.
ὄπλοισι 18₃₃.
ὑπέροπλος 9₁₃.
ὀπλότερον 11₇₁.

Indecisive : [ἰὸπλό]κων 3₇₁, εὔπεπλον 9₆₁, π[λεῦ]νας 7₈.

ΚΛ.

(κλ initial.)

κλεινόν 19₉.
Κλειώ 3₉, 12₂₉, 13₁₉₅.

κλεινός 5₁₈₂.

κλέομεν 16₁₃.

κλυτός 17₁₀₁.

(κλ medial in compounds.)

*Ιφικλον 5₁₂₈.

περικλειτός 5₁₂₀, 9₈, 10₁₉, 11₈₀.
frag. 58.
ἀγακλειτα[ῖς] 13₅₇.
ἀγακλεα 16₁₂.
[μεγ]αλοκλέας 8₁₁.
τοξόκλυτος 11₃₉.
λιγυκλαγγής 5₇₃, 14₁₄.
ὑπόκλοπον frag. 61.

WEAK.

STRONG.

(κλ medial in augment and reduplication.)

κέκλῃται 79.

κίκλ[ησκει] I 199.

ἐκλαγε 17₁₂₇.

ἐκλαγον 349, 183.

ἐκλυ' I 1106.

ἐπέκλωσεν 5143.

(κλ medial not in compounds.)

Ὀϊκλείδας 916.

Κύκλωπες I 177.

κύκλον 930.

Indecisive: κλυτάν 1773.

ΤΛ.

(τλ initial.)

τλ[άμων] 5153.

(τλ medial in compounds.)

βαρύτλ[ατ]ος 144.

(τλ medial not in compounds.)

σχέ[τλ]ιον 1719.

ΒΛ.

(βλ initial.)

βλέφαρον I 117, frag. 46₁₀.

βλέποντα 1919.

(βλ medial in compounds.)

ιοβλέφαρος 198 (93?).

ΓΛ.

(γλ initial.)

γλυκεῖα frag. 572.

(γλ medial in compounds.)

μελίγλωσσος 307, frag. 462.

(γλ medial not in compounds.)

ἄγλαός 5154, 172, 61, 103.

ἄγλαόθρονοι 17124.

Ἄγλαῖα 36.

ἀγλαῖζέτω 322.

φιλάγλαος 13192, 1860.

Indecisive: ἀ[γλ]αῖ 109.

ΦΛ.

(φλ medial not in compounds.)

τυφλά 5132.

ΘΛ.

WEAK.

STRONG.

(θλ medial not in compounds.)

ἄεθλος, -ον 8₁₆, 9₈, 10₁₉, 13₁₈₅.
πενταέθλοισιν 9₂₇.

ΤΜ.

(τμ medial not in compounds.)

πότμον 5₁₃₈.
κακόποτος 5₁₃₈.

ΓΜ.

(γμ medial not in compounds.)

ἀμάρνγμα 9₃₆.
ἐπιδέγμενοι 17₉₆.

ΔΜ.

(δμ medial in compounds.)

ἄδματος 5₁₆₇, 11₈₄.
ἄδμᾶτες frag. 60.
ἐύδμ[ατον] 9₅₄.
θεόδματος 11₅₈, 12₇, 13₁₆₃, frag. 44.

Indecisive: Κάδμος 19₄₈.

ΘΜ.

(θμ medial not in compounds.)

τυθμένες 5₁₉₈.

ΠΝ.

(πν initial.)

πνέων 5₁₃₃.

(πν medial not in compounds.)

ὑπνος frag. 13₅.
ἄὑπνον 19₂₃.

Indecisive: πνέουσ' 17₉₁.

ΚΝ.

(κν initial.)

Κνωσσίων 17₃₉.

Κνώσιον 17₁₂₀.

(κν medial not in compounds.)

τέκνα 11₁₀₂.
κύ[κνψ] 16₈.
ἰκνεῖσθαι frag. 42₃.

Indecisive: τέκνον frag. 12₆.

TN.

WEAK.

STRONG.

(τν medial not in compounds.)

πίτνον 17₆.ἐμπίτνων 10₂₄.πότηνια 12₅.

ΓΝ.

(γν medial in compounds.)

ἀγνοήσιν frag. 58.

[ἀ]γνάμπτων 9₇₃.ἀρίγωντος 5₂₉, 9₆₄, 10₃₇, 17₅₇.κασίγνητος 10₉, 11₆₅.

(γν medial not in compounds.)

ἀγνός 10₂₉, 11₂₅, 15₅₄.

Note: ἀμμινυμένα frag. 56₄ should be ἀμμενγ- (cf. μεῖζω, ἔμειξα).

ΔΝ.

(δν medial not in compounds.)

κεδνός 3₃₃, 17₂₉.Ἐχίδνας 5₆₂.Indecisive: κεδνῶν 5₁₁₈.

ΦΝ.

(φν medial not in compounds.)

ἀφνεοῦ 17₃₄.ἀφνεός 1₃₄, 5₅₃.πέφνε 5₁₁₆, 9₁₃, 18₁₉.

ΧΝ.

(χν medial not in compounds.)

ἀραχνᾶν frag. 46₇.τέχνα 11₃₃, 13₁₆.

ΘΝ.

(θν initial.)

θνατός 3₆₁, 9₃, frag. 50.θνατός frag. 42, 46₁.Indecisive: θν[ατ. .] 19₄₅.

μν always makes position.

SUMMARY.

	Initial.		Medial: compounds.		Medial: augment.		Medial: not compounds.		Total.	
	Weak.	Strong.	Weak.	Strong.	Weak.	Strong.	Weak.	Strong.	Weak.	Strong.
$\pi\rho$	4	6	4	1	2	2	..	4	10	13
$\kappa\rho$	1	4	3	8	..	1	..	6	4	19
$\tau\rho$	1	..	5	12	..	1	6	15	12	28
Total Tenuēs .	6	10	12	21	2	4	6	25	26	60
$\beta\rho$	1	2	1	2	..	..	..	10	2	14
$\gamma\rho$ . . . . .	..	..	..	..	..	..	1	6	1	6
$\delta\rho$	2	..	1	2	..	1	1	3	4	6
Total Mediae .	3	2	2	4	..	1	2	19	7	26
$\phi\rho$	1	1	..	7	..	..	..	6	1	14
$\chi\rho$	12	6	..	3	..	1	..	..	12	10
$\theta\rho$ . . . . .	..	..	1	..	..	..	1	5	2	5
Total Aspiratae	13	7	1	10	..	1	1	11	15	29
$\pi\lambda$	4	1	1	12	..	1	..	6	5	20
$\kappa\lambda$	4	3	1	12	2	5	..	3	7	23
$\tau\lambda$	1	..	..	1	..	..	..	1	1	2
Total Tenuēs .	9	4	2	25	2	6	..	10	13	45
$\beta\lambda$ . . . . .	..	3	..	2	..	..	..	..	..	5
$\gamma\lambda$ . . . . .	..	1	..	1	..	..	..	9	..	11
Total Mediae .	..	4	..	3	..	..	..	9	..	16
$\phi\lambda$ . . . . .	..	..	..	..	..	..	..	1	..	1
$\theta\lambda$ . . . . .	..	..	..	..	..	..	..	5	..	5
Total Aspiratae	..	..	..	..	..	..	..	6	..	6
$\tau\mu$ . . . . .	..	..	..	..	..	..	..	2	..	2
Total Tenuēs .	..	..	..	..	..	..	..	2	..	2
$\gamma\mu$ . . . . .	..	..	..	..	..	..	..	2	..	2
$\delta\mu$ . . . . .	..	..	..	8	..	..	..	..	..	8
Total Mediae .	..	..	..	8	..	..	..	2	..	10
$\theta\mu$ . . . . .	..	..	..	..	..	..	..	1	..	1
Total Aspiratae	..	..	..	..	..	..	..	1	..	1
$\pi\nu$	1	..	..	..	..	..	..	2	1	2
$\kappa\nu$	1	1	..	..	..	..	..	3	1	4
$\tau\nu$ . . . . .	..	..	..	..	..	..	..	3	..	3
Total Tenuēs .	2	1	..	..	..	..	..	8	2	9
$\gamma\nu$ . . . . .	..	..	..	8	..	..	..	3	..	11
$\delta\nu$ . . . . .	..	..	..	..	..	..	..	3	..	3
Total Mediae .	..	..	..	8	..	..	..	6	..	14
$\phi\nu$ . . . . .	..	..	..	..	..	..	1	5	1	5
$\chi\nu$ . . . . .	..	..	..	..	..	..	1	2	1	2
$\theta\nu$	3	2	..	..	..	..	..	..	3	2
Total Aspiratae	3	2	..	..	..	..	2	7	5	9
Grand Total .	36	30	17	79	4	12	11	106	68	227

A comparison of all the fragments of Bacchylides with the epinikian odes of Pindar shows that the former poet is much more conservative than the latter in his admission of corruption. In Bacchylides the proportion of weak to strong position is .29, in Pindar .60. Simonides' melic fragments are too scant to warrant any satisfactory conclusion (.61).

Sappho (*Oxyrhyncus Papyri*, Vol. I, No. vii) has the following cases of strong position: ἀβλάβην 1, κασίγνητον 2, -αν 9, λύγραν 10, ἀγ[λαῖ]α 14. Alkman (*ibid.* No. viii) has ἀρίπρεπείας.

The following additions may be made to the previous article. Cases of strong position: Ἡρακλῆς Aristotle, l. 9, τεθνάκην Sappho 2₁₅; of weak position, πρόπινε Anakr. 66. ξδάκρυσαν Sim. 52 (p. 115) belongs under the division 'κρ medial not in compounds.' ἄμετρον Sim. 37₁₆ is indecisive. In πρόφρων Ariphe. 2, φρ makes position, and is not indecisive, as the end of the colon occurs later in the line.